IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

POWER OF ATTORNEY

e of Applicant:

University of Leeds

Docket No.: 50055/1 US

Address of Applicant:

175 Woodhouse Lane

LEEDS

West Yorkshire LS2 9JT

United Kingdom

Title:

HIGHLY ORIENTED MESOPHASE PITCH-BASED GRAPHITE TAPE

AND BULK CARBON MATERIAL

30,991

Serial No., if Any:

10/019,625

Filed:

December 27, 2001

TO THE COMMISSIONER FOR PATENTS

The Commissioner for Patents Washington, D.C. 20231

Honorable Sir:

I hereby appoint:

Paul S. Angello 39,974 Kassim M. Ferris 34,049 Shaukat Karjeker 38,219 Kevin B. Laurence 33,947 Michael L. Levine 47,812 Steven J. Munson 46,456 Christopher V. Panoff 36,640 Richard B. Preiss 32,758 Micah D. Stolowitz 47,162 Katherine A. Walter 33,623 James L. Wolfe 45,249 Scott F. Young P-50,390 Mara Featherstone P-50,799 Kathy Millam

atent and Trademark Office As principal attorneys to prosecute this application and to transact all bus connected therewith.

Please direct all future correspondence to:

Kevin B. Laurence Registration No. 38,219 STOEL RIVES LLP 900 SW Fifth Avenue, Suite 2300 Portland, Oregon 97204-1268

Telephone: (801) 578-6932 Facsimile: (801) 578-6999

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Processes (2-8)

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STATEMENT UNDER 37 CFR 3.73(b)

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AR 1 2 2003 University of Leeds (Type of Assignee, e.g., corporation, partierally, university, government agency, etc.)	
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states that it is:	
1. 📈 the assignee of the entire right, title, and interest; or	
2. Tan assignee of an undivided part interest	
in the patent application identified above by virtue of either:	
The assignment was recorded in the case	
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OR B.[] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:	
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[] Additional documents in the chain of title are listed on a supplemental sheet.	
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[] Copies of assignments or other documents in the chain of title are attached.	
The undersigned (whose title is supplied below) is empowered to sign this statement on penalt or the assignee.	
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20/3/02 - Signature	
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RM PTO-1595 (Modified) 2v. 03-01) AB No. 0551-0027 (exp.5/31/2002) 8/REV03

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PATENTS ONLY

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Shilin Lu Brian Rand	MAR 1 2 200				
Additional names(s) of conveying party(le	TRADELIA TH	SYes ⊠ No			
. Nature of conveyance:Assignment	☐ Mer	rger	Stree	t Address: 175 Wood	lhouse Lane
Security Agreement Other		ange of Name	City:	Leeds, West Yorkshin	re State: UK ZIP:
Execution Date:			Addition	al name(s) & address(e	es) attached? Yes No
Application number(s) or pater If this document is being filed t A. Patent Application No.(s) 10/019,625	at numbers(s	s): n a new applicatio	on, the exe	cution date of the app	lication is:
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Name and address of party to concerning document should	whom corr		6. To		ions and patents involved:
Name: Kevin B. Laurence				tal fee (37 CFR 3.41):	
Internal Address: STOEL R	IVES LLP		🗵	Enclosed - Any exce credited or debited to	ess or insufficiency should be to deposit account
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Street Address: 900 SW Fifth Avenue, Suite 2300	Suite 2300		eposit account numbe	er: 	
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9. Statement and signature. To the best of my knowledg of the original document. Kevin B. Laurence	e and beliet	f, the foregoing in	formation i vnB	s true and correct and	April 30, 2002
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WHEN RECORDED RETURN TO:

Stoel Rives LLP 900 SW Fifth Avenue, Suite 2300 Portland, Oregon 97204-1268 PATENT APPLICATION Docket No.: 50055/1 US

ASSIGNMENT

We, STEPHEN APPLEYARD of 2554 Oakwood Street, #916, Ponca City, Oklahoma 74604, USA, SHILIN LU of 15 Diriebught Road, Inverness, IV 2 3JL, United Kingdom and BRIAN RAND of 38 Housley Park, Chapeltown, Sheffield, South Yorkshire, 535 2UE United Kingdom, have invented a method entitled HIGHLY ORIENTATED MESOPHASE PITCH-BASED GRAPHITE TAPE AND BULK CARBON MATERIAL, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in Untied States Patent Application Serial No. 10/019,625, filed on December 27, 2001, in the United States Patent and Trademark Office which claims priority to PCT Application No. PCT/GB00/02363, published as International Publication No. WO 01/02632 A1. (We hereby authorize the attorneys of Stoel Rives LLP to insert said Serial Number and filing date when known).

The Assignee, THE UNIVERSITY OF LEEDS, having a principal place of business at 175 Woodhouse Lane, LEEDS, West Yorkshire, LS2 9JT, United Kingdom, desires to secure the entire right, title and interest in said invention.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.



I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

I ma daargument and agreem	• • •
Date: 18 TH MARCH 2002	STEPHEN APPLEYARD 2554 Oakwood Street, #916 Ponce City, Oklahoma 74604 EPEDS West Vorkshire LSH9 OFF United Kingdom.
Date:	SHILIN LU 15 Diriebught Road Inverness IV 2 3 JL
Date:	BRIAN RAND 38 Housley Park Chapeltown Sheffield South Yorkshire 535 2UE

United Kingdom

patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

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Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

Date:	STEVEN PHILIP APPLEYARD 4 Carr Lane Rawdon LEEDS West Yorkshire LS19 6PF United Kingdom
Date:	SHILIN LU 6 Walkers Mount LEEDS
Date: 11/02/02.	West Yorkshire LS6 2SD United Kingdom
Date: 1 OZ OZ.	BRIAN RAND 38 Housley Park Chapeltown Sheffield South Yorkshire 535 2UE United Kingdom

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I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

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Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

Date:	STEPHEN APPLEYARD 2554 Oakwood Street, #916 Ponca City, Oklahoma 74604 LEEDS West Yorkshire LS19 6PF United Kingdom
Date: 12 MARCH 2002	SHLIN LU 15 Diriebught Road Inverness IV 2 3 JL UNITED KINGDOM
Date:	BRIAN RAND 38 Housley Park Chapeltown Shefifield South Yorkshire 535 2UE United Kingdom